

**Species/Strain:** MICE/B6C3F1

**CAS Number:** 99685-96-8

**Lab: BNW**

F1\_M3

<b>C Number:</b>	C20407
<b>Lock Date:</b>	02/24/2009
<b>Cage Range:</b>	ALL
<b>Date Range:</b>	ALL
<b>Reasons For Removal:</b>	ALL
<b>Removal Date Range:</b>	ALL
<b>Treatment Groups:</b>	Include ALL
<b>Study Gender:</b>	Both
<b>TDMSE Version:</b>	2.2.0

B6C3F1 MICE MALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3																				
<div>Disposition Summary</div> <table><tr><td>Animals Initially In Study</td><td>10</td><td>10</td><td>10</td></tr><tr><td>Early Deaths</td><td></td><td></td><td></td></tr><tr><td>Survivors</td><td></td><td></td><td></td></tr><tr><td>Terminal Sacrifice</td><td>10</td><td>10</td><td>10</td></tr><tr><td>Animals Examined Microscopically</td><td>10</td><td>10</td><td>10</td></tr></table>				Animals Initially In Study	10	10	10	Early Deaths				Survivors				Terminal Sacrifice	10	10	10	Animals Examined Microscopically	10	10	10
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Early Deaths																							
Survivors																							
Terminal Sacrifice	10	10	10																				
Animals Examined Microscopically	10	10	10																				
ALIMENTARY SYSTEM																							
Intestine Large, Rectum	(10)	(0)	(10)																				
Parasite Metazoan	1 [1.0]																						
CARDIOVASCULAR SYSTEM																							
Heart	(10)	(0)	(10)																				
Infiltration Cellular, Mixed Cell			1 [1.0]																				
ENDOCRINE SYSTEM																							
None																							
GENERAL BODY SYSTEM																							
None																							
GENITAL SYSTEM																							
None																							
HEMATOPOIETIC SYSTEM																							
Lymph Node, Bronchial	(9)	(7)	(7)																				

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: 90-DAY

Nanoscale material (Fullerene-C60 50 nanometers)

Time Report Requested: 08:55:31

Route: RESPIRATORY EXPOSURE NASAL

CAS Number: 99685-96-8

First Dose M/F: 11/05/07 / 11/05/07

Species/Strain: MICE/B6C3F1

Lab: BNW

## B6C3F1 MICE MALE

0 mg/m3

0.5 mg/m3

2.0 mg/m3

Pigmentation

2 [1.0]

5 [1.0]

## INTEGUMENTARY SYSTEM

None

## MUSCULOSKELETAL SYSTEM

None

## NERVOUS SYSTEM

None

## RESPIRATORY SYSTEM

Lung

(10)

(10)

(10)

Hemorrhage

1 [1.0]

Infiltration Cellular, Histiocyte

1 [1.0]

10 [1.2]

Inflammation, Chronic Active

1 [1.0]

Pigmentation

10 [1.0]

10 [1.2]

## SPECIAL SENSES SYSTEM

None

## URINARY SYSTEM

Kidney

(10)

(0)

(10)

Casts Protein

1 [1.0]

Renal Tubule, Regeneration

4 [1.0]

2 [1.0]

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B6C3F1 MICE MALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3
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\*\*\* END OF MALE \*\*\*

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Species/Strain: MICE/B6C3F1

Lab: BNW

## B6C3F1 MICE FEMALE

0 mg/m3

0.5 mg/m3

2.0 mg/m3

## Disposition Summary

Animals Initially In Study

10

10

10

Early Deaths

Survivors

Terminal Sacrifice

10

10

10

Animals Examined Microscopically

10

10

10

## ALIMENTARY SYSTEM

Liver

(10)

(0)

(10)

Eosinophilic Focus

1 [1.0]

## CARDIOVASCULAR SYSTEM

Heart

(10)

(0)

(10)

Infiltration Cellular, Mixed Cell

1 [1.0]

## ENDOCRINE SYSTEM

None

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Ovary

(10)

(0)

(10)

Infiltration Cellular, Histiocyte

1 [1.0]

Pigmentation

1 [2.0]

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Test Type: 90-DAY

Nanoscale material (Fullerene-C60 50 nanometers)

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Species/Strain: MICE/B6C3F1

Lab: BNW

## B6C3F1 MICE FEMALE

0 mg/m3

0.5 mg/m3

2.0 mg/m3

## HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial  
Pigmentation(10)  
2 [1.0](7)  
3 [1.0](10)  
4 [1.0]

## INTEGUMENTARY SYSTEM

None

## MUSCULOSKELETAL SYSTEM

None

## NERVOUS SYSTEM

None

## RESPIRATORY SYSTEM

Lung  
Hemorrhage  
Infiltration Cellular, Histiocyte  
Pigmentation  
Artery, Inflammation, Chronic Active  
Perivascular, Infiltration Cellular, Mixed Cell(10)  
  
1 [1.0]  
  
1 [2.0](10)  
  
  
10 [1.0]  
1 [1.0](10)  
1 [1.0]  
8 [1.0]  
10 [1.0]

## SPECIAL SENSES SYSTEM

None

## URINARY SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

B6C3F1 MICE FEMALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3
Kidney	(10)	(0)	(10)
Casts Protein			1 [1.0]
Inflammation, Chronic Active			1 [4.0]
Renal Tubule, Regeneration	2 [1.5]		1 [1.0]

\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion  
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)